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TECHNICAL

DATA

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TURCO PRODUCTS • A DIVISION OF PUREX CORPORATION, LTD. • WILMINGTON, CALIFORNIA 90744 • OFFICES IN ALL PRINCIPAL CITIES

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TURCO[®] FABRIFILM

**Easy-to-remove protective coating for in-plant
processing and fabrication**

INTRODUCTION

Here's a new method of protecting metallic and non-metallic surfaces from abrasion, scuffing and corrosion during in-plant processing or storage. Expressly designed for use in mass production Turco Fabriform is applied upon receipt of raw stock--allowed to remain on the surface during storage, forming and fabrication -- and then completely removed from the surface during the subsequent cleaning. Since Turco Fabriform is quickly applied, easily removed and requires no special drying procedures, no man-hours are wasted in time-consuming and costly extra operations.

Turco Fabriform-66 is available in areas where compliance with Los Angeles Air Pollution Control District (APCD) Rule 66 or San Francisco Regulation #3 is required.

PROPERTIES

Abrasion Resistance: Excellent; single coat withstands 125 cycles and double coat withstands 250 cycles in Taber abrasion tests using Calabrese wheels #CS-10F and 500 gram load.

Adhesive Strength: Excellent; will not lift or peel.

Chemical Resistance: SAE30 motor oil: No effect after 40-hour immersion. Kerosene: No effect after 40-hour immersion. Rain resistant.

Cohesive Strength: Excellent; will not flake off under repeated bending. Will not tear.

Color: Standard Version colored gold. Fabriform natural (an almost colorless version) is also available and can be dyed to any color code requirements.

Coverage: 400-600 sq. ft. per gallon of Fabriform, depending upon method of application and material being coated.

Drying Time: Dries to touch in 2-3 minutes. Dries completely in 40 minutes.

Metal Applications: Aluminum, titanium, magnesium.

Diluents: May be thinned with M.E.K.

Impact Resistance: Good

Removability: Easily removed with alkaline materials or solvents. Cannot be peeled from the surface.

Salt Spray Resistance: Passed 240-hour salt spray test on aluminum.

Temperature Resistance: Withstands 350°F. for 8 hours; easily removed afterwards.

Ultra-Violet Radiation: Does not break down under the influence of Ultra-Violet Radiation to form corrosive acids.

Shipping Package: Five-gallon cans or 55 gallon drums.

NOTE: Turco Fabriform may be used without dilution -- even over well-bonded paint. The material should be applied and allowed to dry in a well ventilated area.

CAUTION: Turco Fabriform contains flammable solvents. Keep away from sparks, heat or open flames. Containers should be kept closed when material is not in use. Adequate ventilation should be provided so there will be no prolonged breathing of vapors. Material should not contact the skin for prolonged periods. Refer to product label for additional precautionary and handling information.

HOW TO USE TURCO FABRIFILM

Pre-Cleaning

Turco Fabrifilm should be treated like any organic film: Oil and soil should be removed prior to coating, to insure good bonding of the Fabrifilm coating.

Application

SPRAY: Suggested pressure pot: Binks Model 19 gun with a No. 63-B fluid nozzle, 63 PV air nozzle and No. 16 needle; or a DeVilbiss MCB Gun with No. 765 air cap, FX fluid tip, and F needle.
Suggested suction cup: Tinks Model No. 19 with No. 66 fluid nozzle, No. 66 SD air nozzle, and No. 15 needle; or the DeVilbiss No. MCB gun with No. 30 air cap, FF-nozzle and F needle.

DIP: Immerse as many times as necessary to get required coating thickness.

FLOWCOAT: Use high-volume, low-pressure flow.

REMOVAL

Removal Prior to Final Assembly: Remove Fabrifilm coating at same time parts are being cleaned prior to final surface preparation. Alkaline hot tank, spray washing or steam cleaning compounds readily and completely remove the coating, even after weather aging for six months or baking for eight hours at 350°F. Cleaning efficiency and rinsability of immersion cleaning tanks will not be adversely affected by this process.

Removal From Assembled Objects: A mild, inexpensive compound -- Turco Fabrifilm Remover -- has been especially formulated for quick removal of Fabrifilm coatings from assembled objects. This thickened liquid clings to the surface and makes removal a cinch -- even from vertical or overhanging surfaces. To use, merely spray on Remover. Let set 5 to 15 minutes. Then flush coating off with a stream of water.

Spot Removal: Brush on Turco 657 and wipe off coating.

NOTICE

The information and recommendations of Turco concerning this product are based upon our laboratory tests and field use experience and to the best of our knowledge and belief are true and accurate. Since conditions of actual use are beyond our control, any recommendations or suggestions are made without warranty, express or implied.